

[*MULTI-SLANTS REFLECTOR STRUCTURE AND MANUFACTURING METHOD THEREOF*]

Abstract of Disclosure

The present invention provides a multi-slants reflector structure and its manufacturing method. Such multi-slants reflector structure is formed simultaneously in the same process of forming TFTs. With a diversity of heights and slanting angles, such reflector structure can have incident light reflect from different angles so as to achieve optimal distribution of reflection intensity versus reflection angle. In application of the multi-slants reflector to an LCD, the function of diversified slanting angles can effectively prevent light concentration on one particular direction. In other words, the present invention is capable of reaching creating an evenly reflective right distribution in a wider range of viewing angles without the aid of a diffuser device.

Figures